

Purdue Chronicle

Purdue University Calumet • Hammond, Indiana October 7, 1982 Vol. 2 No. 4

At a glance...

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News briefs

The Philosophy Club will hold a meeting on Saturday, Oct. 9 at 3 p.m. in C-313. All interested students may attend.

* Phi Kappa Theta fraternity will hold a meeting Sunday, Oct. 10 at 5 p.m. in C-321.

The PUC soccer team, the Lakers, will be playing St. Francis (there) Oct. 9. They will also be hosting three home games. They will play Illinois Institute of Tech., Wednesday, Oct. 13; IUPU Fort Wayne, Oct. 16; and Wisconsin Parkside, Oct. 19.

* The Audio Engineering Society is holding a meeting on Oct. 11 from noon to 1 p.m. in room P-119 (Potter Building). Discussion will involve bringing in speakers to talk about advances in the audio field. New members are welcome.

* Several organizations will be holding meetings on Monday, Oct. 11, at noon, including -

Baptist Student Union — C-313
PUC Construction organization - A-158

Active Students in Action — C-327

Los Latinos — C-317

Theta Phi Alpha — C-361

Student Government Association — C-321

All interested students may attend the above meetings.

* The Counseling Center will offer two seminars to aid students in dealing with stress and passing midterms.

"Stress Management for the College Student" is the title of the seminar offered Monday, Oct. 11. Surviving the Midterm; How to Pass the Test (part 1) will be offered Monday, Oct. 18. Both seminars will be held in C-349 from noon until 2.

* The Student Programming Board will be sponsoring a free movie for faculty and students on Wednesday, Oct. 13. The movie, entitled "The Great Santini," will be shown in C-100 at noon, 4 p.m., and 7 p.m.

* On Monday, Oct. 18, the Active Students In Action will be holding a meeting in C-327 at noon. Theta Phi Alpha Sorority will also be holding a meeting at this time in C-361.

* At 12:30 p.m. also on Oct. 18, the Society for the Advancement of Management will hold a meeting in G-7A. The organization will host an additional meeting at 5 p.m. on the 18th.

* The Baptist Student Union will hold a meeting at 12:30 p.m. in C-313 on Oct. 18. Everyone is welcome to attend the meeting.

* The Purdue Calumet Alumni Annual Dinner will be at Tiebel's Restaurant In Schererville on October 21. Everyone is invited to attend. Tickets are \$14 per person. Reservations can be made by contacting the Office of Alumni Relations, ext. 397.

Cash bar starts at 6:30 p.m. - dinner at 7:30 p.m. The menu will feature a family-style dinner of chicken, perch, and an assortment of side dishes.

Cal. Forum discussed

by Nick Boyan

We residents of Northwest Indiana perhaps know the meaning of the words "lay-off" and "foreign competition" better than most people around the country. Our dependency on the steel and other related industries has left us with a sour taste in our mouths and a dark and gloomy economic outlook on the horizon.

After years of people asking "what are we going to do?" a group of people have finally decided to do something. The newly formed Calumet Forum has made the economic development of Northwest Indiana its number one concern.

"The basic purpose of the Calumet Forum is to organize an effort to encourage economic development or redevelopment in Northwest Indiana." This statement by Purdue Calumet Chancellor Richard Combs, gives hope for the future to many unemployed Northwest Indiana residents. Combs along with Indiana University Northwest's Chancellor Danilo Orescanin, head the Strategic Planning and Evaluation Program for the Forum.

"Our situation is serious and demands attention. We have the resources and desires to reach our goals. The trick will be to channel

our forces toward cooperative regional redevelopment and to move away from the provisionism of the past," said Orescanin.

Combs is a member of the selection advisory committee to name the new executive director of the group. "We have, I think, a very good group of people working with us," Combs said.

The idea of the Calumet Forum was conceived mainly by the late Congressman Adam Benjamin Jr., Indiana Lieutenant Governor John Mutz, and the Indiana Department of Commerce. The Forum was formally introduced this past June.

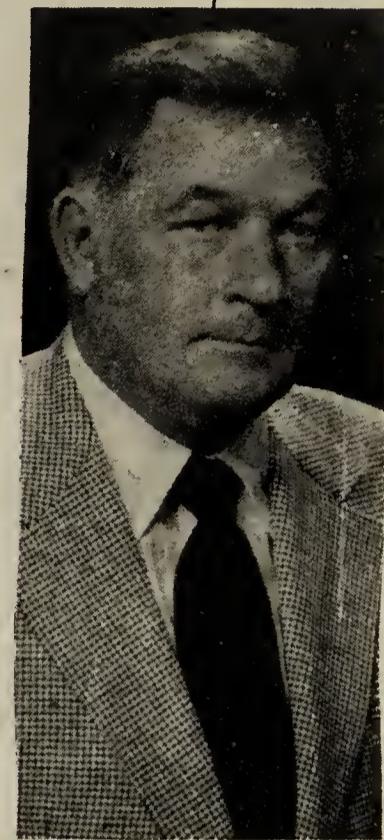
"The Forum has been born out of necessity to reverse the downward spiral of an unhealthy economy, increasing foreign competition (especially in steel manufacturing), unemployment, ...an historical lack of foresight and planning, and a growing sense of doom about Northwest Indiana's future," said Combs.

"A lot of negative things have happened. Unemployment is high in Northwest Indiana, and there has been an economic turndown. The unemployment situation is really worse than the figures show in that more people are working three days a week or four days a week or part-time or are laid-off.

So the statistics show that more people are employed than are really employed full time," explains Combs. "Some specific projects and long range planning include job retention, industrial expansion and attraction of new industries, repeal of the Indiana Inventory Tax, recreational development, and improving the quality of life in Northwest Indiana."

The idea of the Calumet Forum is to be applauded. People such as chancellors Combs and Orescanin realize the problems the people of our state and our area face. They realize that for a large area like the Calumet Region to continue to depend on one industry is suicidal. They know that the success of this program depends largely on the people of the area themselves. We are no longer Democrat or Republican, black or white, rich or poor; we are human beings. We are Hoosiers striving to make a better life for ourselves and for future generations.

The late Adam Benjamin spent his career as a congressman trying to improve the life of Hoosiers throughout the state. If Indiana and its residents can help to make this idea come true, it could be the greatest respect we could pay the late statesman.



Chancellor Richard J. Combs

Family studies center created

by Ron Jewel

A recent decision in the Chancellor's office has created a new organization here at Purdue Calumet known as the Purdue University Calumet Family Studies Center. Prof. Terry Trepper, Professor of Psychology is the appointed director of the project which seeks to compile useful data regarding domestic family problems. A group of 12 faculty members will serve on the advisory committee, which will assist Trepper in developing the Center to its fullest potential.

Goals of the Family Studies Center include researching of faculty and students in order to compile data on the healthy family and on family disorders; enhancing the quality of training available to professionals in the community and to students preparing to enter the field of family problems; and serving as an information bank on family functioning for the community.

Reported increases in divorce, desertion, child abuse and neglect, alcoholism, and unemployment and their adverse effects on families, have created the need for useful data which could help families with problems. The Center will seek a greater understanding to the causes of family problems and solutions to them.

Data compiled will be available to the community in the form of classes and to professionals through consultation arrangements.

A one and a half day conference will be sponsored by the Department of Nursing, and the Family Studies Center, Department of Behavioral Sciences. Titled "The Abusing Family: Prevention and Treatment," the conference will address issues in identification, prevention, and treatment of abuse. One highlight of the pro-

gram will be a Special Education Theater presentation entitled "Home Free," which has been originally designed for the conference.

The conference will be held on Oct. 22 and 23 in Alumni Hall. You must register by Oct. 20 to attend. A fee is required.

Baptists to host convention

The annual Fall Convention of the Baptist Student Union will be held at Purdue Calumet Oct. 8, 9, and 10. Members from colleges and universities throughout the state will attend.

The convention will begin Friday, Oct. 8, with a public concert featuring the musical duo, "Hudson and James." Rich Hudson and Frank James will perform a blend of rock, classical, and some folk influences with gospel and a touch of soul.

If you would like more information on the conference, contact Socorro M. Roman, Coordinator of Continuing Education for Health Professionals, in the Porter School building or at PUC ext. 463.

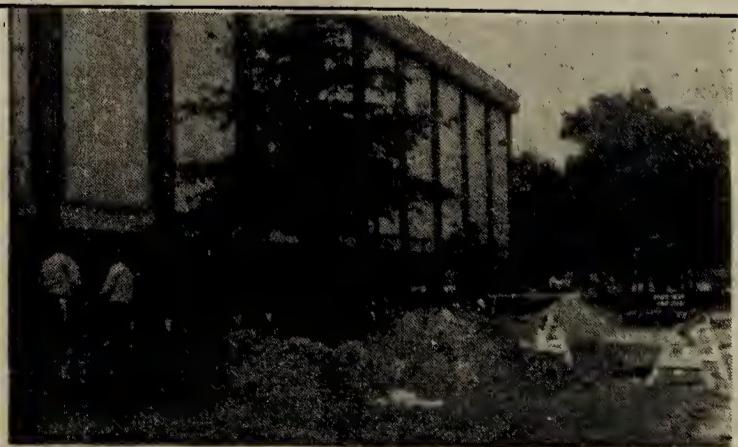
The host group, PUC's Baptist Student Union, provides a ministry to all students through fellowship, Bible study, and special activities. The officers are Steven Hendon, president, Gloria Pitts, vice president, and Beth McLemore, secretary. J. Paul McLaughlin is the faculty advisor.

Tickets for the "Hudson and James" concert can be purchased in advance by contacting the Baptist Student Union office at (219) 845-7654.

Dr. John S. Tuckey, Head of the Department of English and Philosophy served as script consultant for Mark Twain's "No. 44, the Mysterious Stranger," scheduled for telecasting at 8 p.m., Monday, Oct. 11, on Channel 11.

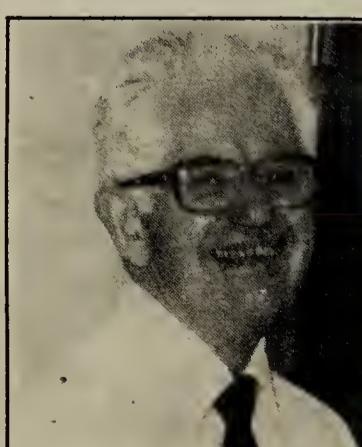
Tuckey, a PUC faculty member since 1953, is a recognized authority on works written by Twain during his later years. Tuckey contends this new telecast version is the one Twain would want the public to see.

(Photo by Cherie Paraschos)



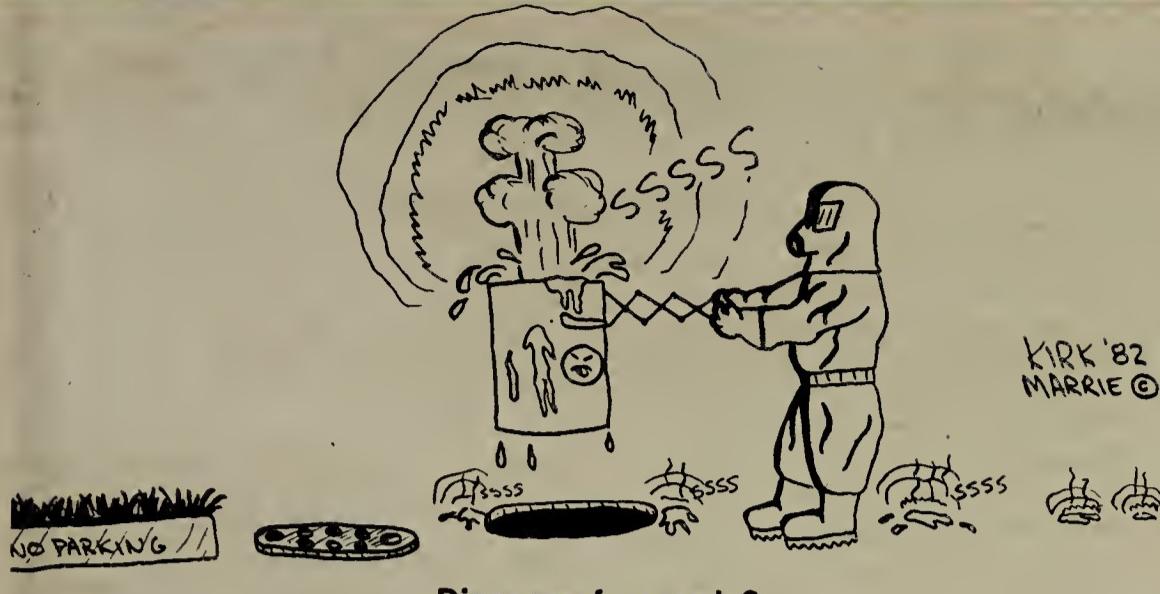
This construction project at the north entrance of the SFLC building will soon be completed. PUC's maintenance department replaced 200 feet of the heating system's pipe. The fiberglass condensate return line and labor by our maintenance staff mean a healthy cost saving. Bravo, PUC!

(Photo by Kurt Kortokrax)



Correction...

Front page pictures in the September 9th issue should have been attributed to Wayne Orr.



Dispose of properly?

Ignorance is bliss (?)

editorial

What do MidCo I, MidCo II, and the Wheeler Company have in common? Besides residing in Northwest Indiana, they are also confirmed or suspected hazardous chemical dumping sites.

What does it mean to be a hazardous chemical dumping site? In the case of MidCo's I and II, it meant spending \$800,000 to clean up one of the nation's most hazardous dumps. In some cases, like Love Canal, it has meant the loss of millions of dollars for cleaning operations and of private property and the loss of life.

Where do these hazardous chemicals come from? As a sector of U.S. industry the chemical industry contributes the lion's share of all toxic wastes, approximately 60 percent. Last year alone, industry created 126 billion pounds of toxic wastes. That is over 550 pounds of toxic

wastes for every man, woman, and child in the United States.

What sort of threats do toxic chemical wastes pose? In 1970, a panel of U.S. cancer researchers reported that no level of exposure to a chemical carcinogen (cancer-causing agent) should be considered insignificant.

As of 1979, the National Cancer Institute, in a report published by the U.S. Surgeon General, stated that evidence is carefully researched and documented linking 20 different chemicals to cancer in humans. Besides cancer, toxic chemicals have been linked to bronchitis, emphysema, hypertension, heart disease, and birth defects.

Who is safe from these threats? Safe is a relative word when applied to chemical wastes. Americans are exposed to 70,000 chemicals found in every-

day household products, to which 1000 new chemicals are added every year. In human umbilical cords, scientists have found more than 100 organic compounds, including plastic components, food preservatives and assorted carcinogens.

How can you help? Acquaint yourself to the problems of toxic wastes. Attend the numerous talks and programs geared towards educating the public to the hazards of toxic wastes in your own community. Familiarize yourself with the laws and regulations concerning hazardous wastes -- a formidable task. If nothing else, write to your elected representatives in your state and in Washington expressing your concerns and doubts about toxic chemical wastes. As an American, you have rights -- use them for your sake, for your children's sake, and for your children's children's sake.

'A permit to park?'

editorial

No easy solution to the parking problem exists -- especially when faced with an administration that refuses to acknowledge that a problem even exists.

Gary Newsom, vice-chancellor, has stated flat out that no parking problem exists on this campus. And Gary should know; he has a bird's eye view of the parking lot -- from his Ivory Tower.

But, the decision lies in the hands of the policy makers, who are all the members of the Parking Advisory Committee. Nothing will happen without their approval.

And, according to Newson, action won't happen

for at least four or five years. In that time, money would be allowed to build up in the parking fund to be used for a new parking lot. And, if the problem still exists, then maybe action will be initiated.

But, if the current economic conditions continue, more people will resort to the less expensive commuter campus, and the parking problem will not only exist, it will be unbearable.

The only immediate solution is to park in the lot south of 173rd St. and hoof it to class. There won't be any shuttle service to escort you to your destination, though. It isn't economically feasible either.

Job search services provided

Perspective by Beth Pellicotti



First, I would like to thank the *Purdue Chronicle* for space for this Placement editorial.

I direct this message to all Purdue Calumet students and alumni, including evening students who read this paper while snatching time between classes, freshmen who as-

sume placement is the prerogative of seniors, and graduates who wonder if student services can help them too.

The Career Development and Placement Office offers job listings and employer information for the job seeker and job descriptions and requirements for the career planner.

Backing up these claims is a Career Resource Center equipped with the following informational items:

(1) Job Search skills booklets—a free review of resume writing and interviewing. Resume help is available Wednesdays at 5:15 p.m.

(2) College Placement Annual—a directory of em-

ployers, with copies ordered for upcoming graduates.

(3) Brochures on companies—information on career paths within organizations.

(4) Employer directories—directed to all majors, including management, engineering, computer programs, liberal arts, and science.

(5) Directories—potential employers in television, the print media, lobbyist groups, social service agencies, and hospitals.

(6) Occupational brochures and books—job descriptions and requirements, salaries, and employment trends for different occupations.

(7) Purdue Calumet information—notebooks of

employment data from May, 1981, and 1982 graduates, listings of employers who have contacted this office, and print-outs of jobs in major code order.

(8) "SLOTS"—jobs bulletin with articles on job-seeking and career development. Reprints of past articles are free.

I see people leap over quantities of really helpful information to quick-check the job listings or register for recruitment (organizations interviewing upcoming graduates on campus). The five-minute job search or career quest brings limited results.

Office is open Tuesday and Wednesday evenings and 8 a.m. - 5 p.m. Monday through Friday.

Staff people can explain how to use the various resources. The Career Development and Placement

So, Purdue Calumet student or alumnus, this newspaper break has brought what might be a dizzying amount of information. A trip to the Career Development and Placement Office might be in order. I look forward to your visit.

"Perspective" is a regular column featured in the *Purdue Chronicle*. Interested faculty, staff, students or groups connected with Purdue University Calumet are encouraged to submit their viewpoints for publication. Anyone wishing to participate should contact the editorial board of the *Purdue Chronicle*.

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The *Purdue Chronicle* is published bi-weekly and is a non-profit organization. Opinions expressed in the *Chronicle* are decided by the editorial board, except for those labeled personal views, which express the attitudes of their authors.

The *Chronicle* welcomes letters to the editors. All letters must be typewritten, and include the author's name, address and telephone number, although only the name will be printed. Students should also include their class status. Letters should be 250 words or less and are subject to editing for space. No letters will be returned. Upon request, names will be withheld.

Letters can be mailed or hand delivered to the *Purdue Chronicle*, 2233-171st St., Rm. E-217, Hammond, IN 46324.

'We serve and protect...'

by C. Scott

With this first "Police Beat" article, I would like to introduce the Police Department of PUC and to explain some of its duties and objectives.

Seven "sworn-in" officers, five "non-sworn" officers, and two clerical staff members compose the department. The seven sworn officers consist of the Chief of Police and six patrolmen. As commissioned police officers, we have "peace officer" status and have—by law—all the powers, duties, and privileges of that office. We are charged with all the law enforcement duties at PUC.

We are empowered to arrest for probable cause, to issue traffic citations, and to investigate violations of criminal law that occur on campus. We have (concurrently) jurisdiction on city streets around the campus.

The department's five non-sworn officers are student patrol officers. They're PUC students charged primarily with parking enforcement, but who also work as dispatchers and sell parking permits and run the department's computer. These officers wear a separate and distinct uniform from the "sworn" officers and are most familiar to other students.

Two women serve as the back-

bone of the department by taking care of the clerical duties. They handle the biggest part of the dispatching, phone answering, and almost all the bookkeeping.

Our department is charged with the law enforcement duties and safety responsibilities on campus. We also have some additional duties that aren't normally considered police duties. We check fire alarms, fire extinguishers, and safety showers and generally provide for a safe atmosphere in which to learn.

Police Beat



Although most students see us only during normal school hours, we are here 24 hours a day, every day of the year.

We protect the lives and property of the university. We are not, as

some people believe, student monitors here to make sure students behave; however, we do keep the peace on campus. Most of our police actions are taken

Although most students see us only during normal school hours, we are here 24 hours a day, everyday of the year.

with people who are not connected with the university.

Since the university is, and must be, a free access environment, many people who are not part of the university community come to the campus. Unfortunately, some of these people don't have students' best interests at heart.

All of the people in the department are concerned for your health and safety and are available to help you as you need help.

In the articles to follow, I will attempt to be of help to students by trying to help you avoid the more painful aspects of life.

I will not use this space as a forum for the department's ideas of good behavior, but I do want to attempt to answer any questions you may have. Please direct your questions to the University Police Station, and I will answer them as soon as possible.

ctasw
AP

Movie violence needless

Rumbles by Diana Jagiella

vulgarity and cruelty encourages us to lose respect for the value of life.

The wholesale extermination of Jews and Gypsies by Hitler illustrates the atrocities which can occur when people become desensitized to the plight of others and perceive some people to be a little less than human. Although an extreme example, Hitler's Germany proves the viciousness that can be brought out in man under the right circumstances.

Whether filmmakers have concocted a diabolical plot to convert us into murderous monsters is irrelevant. They will produce whatever Americans will

buy. More to the point: why are Americans buying such garbage? A nation that has produced "Gone With the Wind" surely is capable of better than "Halloween."

Alternatives to these atrocious movies abound. However hokey this may sound, Channel 11 offers some excellent plays and movies. As far as I'm concerned, an evening of Masterpiece Theatre and a bottle of wine beats out a six of Mich and gore flicks at the Y&W anytime.

Cancer...no joke

editorial

The *Purdue Chronicle's* Sept. 23rd issue featured a section on breast cancer and methods of early detection. We regret some students found this a subject to snicker about. Our graphics were not intended to titillate less mature readers. Breast cancer kills women, and early detection can mean the difference between life and death.

Letters to the editor

Might makes right

Dear editor

Diana Jagiella's article, "Religious Feuding Destroys Nation," in the Sept. 23 *Chronicle* addresses itself to the Middle East. As much could be said about Ireland. And, lest we grow complacent, could come to be true about the United States.

For two hundred years we have adhered to Jefferson's admonition to create a wall of separation between Church and State. Although there have been a few small chinks in the wall, it has generally been solid. And we have prospered. We, unlike Ireland or the Middle East, have not permitted religion to become a divisive force. But that day could end -- and quickly.

Passage of President Reagan's proposal for income tax tuition credit for those sending children to parochial schools could at once, and overnight, divide us in a way hitherto unknown. We might, for in-

stance, vote for legislators on the single issue of what they promised to do insofar as diverting public tax money to parochial schools is concerned.

Parents have a right, as assured by the U. S. Supreme Court, to send their children to schools of their choice. How they do this is their problem not mine.

Sincerely,
Charles W. Miller
Associate Professor
Education

GNS denies

Dear Editor:

I'm writing in regard to your editorial cartoon in the Sept. 23, 1982, issue. I believe your cartoon is misdirected as the Developmental Program in the School of General Studies does not admit students. Admission decisions are made by the Office of Admissions. The GNS faculty advises and teaches.

Signed,
H. R. Adesian
Asst. Dean,
School of General Studies

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STUDENT GOVERNMENT ASSOCIATION

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Outside the Bursar's Office
Monday, October 18th

Present the card at participating area merchants to receive a discount on merchandise.

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L to R: Patti Kania, Mick Maslar, Laura DuVall, James Holesapple, Susan Kulka, Doug DeLaughter and Bridget Lauerman. Kneeling: Laurie Canchola and John Brady.

Song Company performs

Seven new members have been named to Purdue Calumet's Song Company for the 82-83 season.

John Brady, Laurie Canchola, Hyrmon Carter, Stan Gardfrey, James Holesapple, Mark Johnson (accompanist), and Susan Kulka will join veteran members John Buranosky, Doug DeLaughter, Laura DuVall, Patti Kania, Bridget Lauerman, Mick Maslar and M. June Thamm.

Lab unlocks mystery

For those who find syntax one of the great unsolved mysteries of the world, writing help is available in the Writing Lab at Purdue Calumet.

This free-of-charge service exists to aid all students and faculty members who need counseling or consoling when faced with the prospect of writing anything from a simple paragraph to a doctoral dissertation.

The group's first performance, under the direction of Judith Leslie, will be for the PUC Alumni Banquet on Oct. 21 at Tiebel's Restaurant. Nostalgic show tunes and a medley from "You're a Good Man, Charlie Brown" will highlight the performance.

Song Company performs at various PUC and non-university functions.

Tutorial appointments can be made by signing for an appointment and leaving a sample piece of writing. Self-help is also possible by using the lab and its resources as a study center.

The lab is open from 9 a.m. until 9 p.m., Monday, Wednesday and Thursday. On Tuesday and Friday its hours are from 9 a.m. until 2 p.m. The Writing Lab is located in O-205, its phone is ext. 264.

Fed up with parking? Sign the SGA sponsored parking petition!

BEGINNER OR ADVANCED - Cost is about the same as a semester in a U.S. college: \$3,189. Price includes jet round trip to Seville from New York, room, board, end tuition complete. Government grants and loans available for eligible students.

Live with a Spanish family, attend classes four hours a day, four days a week, four months. Earn 16 hrs. of credit (equivalent to 4 semesters taught in U.S. colleges over a two year time span). Your Spanish studies will be enhanced by opportunities not available in a U.S. class-

room. Standardized tests show our students' language skills superior to students completing two year programs in U.S. Advanced courses also.

Hurry, it takes a lot of time to make all arrangements.

SPRING SEMESTER — Feb. 1 — June 1 / FALL SEMESTER — Sept. 10 — Dec. 22 each year.

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needs of students in the scientific disciplines.

After the speeches, faculty and business guests mingled for more in-depth conversation. Jean Akers, of the IRS, commented that she feels a major impediment to student employment in government is lack of knowledge of the steps to follow in applying.

The Open Forum provided an atmosphere conducive to constructive discussion on the future of Purdue graduates in region business.

Forum highlights PUC students

by Diana Jagiella

The Internal Revenue Service and Jones & Laughlin Steel were among the organizations represented at a recent Open Forum in Alumni Hall.

Several PUC representatives spoke briefly about the potential of PUC graduates and on innovations in curriculum to aid students in successful employment.

Beth Pellicciotti, Director of Career Development and Placement, spoke on her department's services in finding students to satisfy business employment needs.

Highlights of the luncheon included a speech on the necessity of HESS graduates in industry by A. D. Sander, Dean of the School of HESS. Sander feels humanities students are well equipped to make decisions and to function in the corporate sector. Their flexibility renders an asset for a company. Generally, humanities students are not the focus of industrial recruitment.

Larry Johnson, Dean of Science and Nursing, commented on the lack of support for science majors. He expounded on the merits and

disadvantages of science majors.

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Drive nets 1,500 textbooks

More than 1,500 textbooks were collected by Purdue Calumet students to be forwarded to predominantly black colleges in Mississippi and Ohio.

The books were sought for the libraries of Rust College in Mississippi and Wilberforce University in Ohio. Both are private institutions confronted with funding cutbacks.

The Office of Special Services sponsored the collection drive last month, which attracted donations from residents of northern Indiana and Illinois.

Arnold Ridgell, associate counselor, coordinated the campaign with assistance from members of the Black Student Union, Los Latinos and Upward Bound.

"The response from the public as well as students, faculty, and staff members was overwhelming," he declared. "We were literally flooded with textbooks, fiction, and paperbacks."

The drive was initiated after Ridgell received requests for books from area residents who are attending predominantly black colleges.

Get
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Rush album
"Signals"
For only
with
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Offer valid 10/7 - 10/13

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Course Offered: Lake Erie Basin

Purdue Calumet has a major role in a special training program for residents of the United States and Canada to become involved in water improvement decisions in the Lake Erie Basin.

The School of Science and Nursing and the Environmental Education Institute helped to prepare the two-nation project with Great Lakes Tomorrow, a bi-national citizens' organization devoted to encouraging public involvement in Great Lakes planning and management. The latter group is based in Hiram, Ohio, and Toronto, Canada.

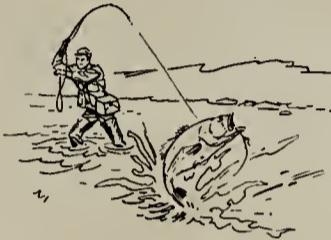
Dr. H. Roland Heydecker, Institute director and professor of chemistry at PUC, explained that the new program consists of a series of courses on water quality issues that will be presented to concerned citizens at seven universities in Pennsylvania, Ohio New York and the Canadian Province of Ontario.

Persons enrolled in the courses represent industry, business, environmental groups, civic organizations, governmental agencies and the news media, added Heydecker, who also is Head of the Department of Chemistry and Physics.

The curriculum for the new program is based on a pilot project, "Decisions for Lake Michigan," that was initiated by PUC in 1979 to acquaint citizens of Indiana, Illinois, Michigan and Wisconsin with the scientific, social and economic problems inherent in Lake Michigan Basin management.

Heydecker pointed out that the project director, Elaine Kaplan-Beck, was instrumental in developing the forthcoming program on the Lake Erie Basin. The planning for that program was facilitated by funding from the U. S. Environmental Protection Agency.

The Lake Erie course consists of a series of classes over a 10-week period, starting September 22 at Brock University, St. Catherines, Ontario. Other locations and the starting dates are John Carroll University, Cleveland, Ohio, October 5; University of Western Ontario, London, Ontario, October 5; Mercyhurst College, Erie, Pa., October 7; University of Toledo, Ohio, January 6, 1983; University of Windsor, Ontario, January 25, 1983; and State University of New York at Buffalo, February 2, 1983. Faculty will be drawn from area universities, industry, government and public interest groups.



The overall program is titled "Decisions For the Great Lakes" and is offered free to individuals who will commit themselves to improving Great Lakes Basin policy and resource management decisions.

Over the next three years, the course will also be offered on improving water quality of Lake Ontario, Lake Huron and Lake Superior - with coordination from PUC. Long range plans are to organize a continuing network of citizens, scientists, educational institutions and agencies to share and use information and data to better manage the Lakes.

"A prime objective of the program is to create an informed Great Lakes constituency able to interact with agencies and organizations in combating pollution and addressing other problems confronting the Great Lakes," concluded Heydecker.

Council To Award Minorities

The National Research Council plans to award approximately 35 Postdoctoral Fellowships for Minorities in a program designed to provide opportunities for continued education and experience in research to American Indians and Alaskan Natives (Eskimo or Aleut), Black Americans, Mexican Americans/Chicanos, and Puerto Ricans. Fellowship recipients will be selected from among scientists, engineers, and scholars in the humanities who show greatest promise of future achievement in academic research and scholarship in higher education.

In this national competition sponsored by the Ford Foundation, citizens of the United States who are members of one of the designated minority groups, who are preparing for or already engaged in college or university teaching, and who hold doctoral degrees may apply for a fellowship award of one year's duration.

Awards will be made in the areas of behavioral and social sciences, humanities, EMP fields (engineering sciences, mathematics, physical sciences), life sciences, and for interdisciplinary programs of study. Awards will not be made in professions such as medicine, law, or social work, or in such areas as educational administration, curriculum supervision, or personnel and guidance. Tenure of fellowship provides postdoctoral research experience at an appropriate nonprofit institution of the Fellow's choice, such as a research university, government laboratory, national laboratory, privately-sponsored nonprofit institute, or a center for advanced study.

The deadline date for the submission of applications is January 14, 1983. Further information and application materials may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Ave., Washington, D.C. 20418.

Exchange Program Offered

The German Academic Exchange Service, Deutscher Akademischer Austauschdienst (DAAD), is announcing scholarship programs for American students. Any interested students should contact the Purdue Chronicle for additional information.

This Traineeship Exchange Program is based on reciprocal arrangements between American and German universities. Places for students in engineering, natural science, agriculture, and forestry (up to three months) in Germany are available at university in-

stitutes, in industry and on farms. Students (at least juniors) must have previous practical experience and a working knowledge of German. Students will receive maintenance allowance and/or free room and board.



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Address _____ Phone _____

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**PHI KAPPA THETA
SKI TRIP**

\$25⁰⁰ deposit required by Dec. 1



The members of the AIE will be participating in an Industrial Management Society Division Conference in Chicago. The members of AIE are: (standing) Mike Popagulin, senior chapter member; Juan Perez, Dan Mirella, Ed Blalon, Ken Davis, secretary; Liz Young, James Deuel, Advisor; Kim Warmelink, Olandele Adeslyan, Mike Lach, Mike Dziadom, Ken Karlstdt, senior chapter president; and Jim Nowakowski.

(Seated) Morey Kays, advisor and senior chapter member; Crystal Peeples, Dave Bowser, Don Zial, Mark McConnell, and Joe Safran, president.

Study Abroad

Academic Year Abroad, an educational service organization is encouraging students to apply for study in France and Spain due to the strength of the U.S. dollar in those countries. The rally of the U.S. dollar in these countries has greatly reduced the cost of attending college. For example, the rate of exchange is very favorable for Americans in France—which has

reduced the cost by more than \$800 per year.

Applications are now being taken for the spring and fall, 1983, semesters. Any student interested in receiving a brochure and application should send two 20 cent stamps to:

Academic Year Abroad
17 Jansen Road
New Paltz, NY 12561

PoliSci Club Gets Active

by Diana Jagiella

After years of dormancy, political science majors are reorganizing a club to represent their interests on campus. PUC has not had a political science club since the previous one was disbanded in 1972.

Major impetus behind formation of the club came from Ted Poulos, Jay Tribou, and Rod Johnson. By distributing fliers and making announcements in class, enough interest was aroused to make turnout for the first two meetings encouraging. Professors Pierce and Grote attended the meetings and are supportive of the club.

A constitution has already been completed and committees have been formed to plan future activities and to recruit members. Membership in the club is open to all people associated with Purdue.

Goals of the club include providing forums for open discussion of political matters, and increasing awareness of current events. Sponsoring speakers and debate will be a primary emphasis of the club.

Enthusiastic about the new organization, temporary president Ted Poulos feels the new club provides an excellent opportunity for interested students to have an active voice in determining the direction the club will follow and the activities sponsored.

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Picnics Held: Bio Club and Com Department

Nearly 30 people gathered at Wicker Park on Sunday, Oct. 3, to participate in the Biology Club's picnic.

Volleyball, tennis, frisbee, and softball were among activities enjoyed by the picnickers.

Plenty of food and drink was available to be enjoyed by all.

Among participants were members of the Biology Department teaching staff and their families.

The Department of Communications sponsored a picnic for all Communication majors, past and present.

The picnic, held at Wicker Park in Highland, gave current students the opportunity to become not only better acquainted with their professors, but also to meet professionals already in their field of study.

A game of football kicked off the event with the professors and guests winning over the students under the direction of Lee Goodman.

Games of frisbee, volleyball, and catch also entertained the participants, onlookers and cheering section.

All of the delectable hotdogs cooked by Bud Dixon were consumed by the exhausted communication athletes and the honored guests and families.

Fun was had by all and thanks goes to the professors of the Communications Department for planning the picnic and making it the enjoyable occasion that it was.

AKA Rush Begins

Alpha Kappa Alpha, a National Sorority founded in 1908 at Howard University in Washington, D.C., is looking for Purdue Calumet women to join their group.

Currently, no PUC girls are active in AKA. The sorority's chapter includes Indiana University Northwest, Calumet College, and Valparaiso University.

AKA is open to college women having a grade point average of 4.3 or better who have already had at least 12 credit hours and who are currently carrying 12 or more hours. Interested girls can send their letter of interest and an official transcript to NU Lambda, P.O. Box 1116, Gary, IN 46407.

The sorority's executive board consists of the following: Barbara Moore, president; Theresa Turner, vice-president; Audrey Howard, treasurer; Kim Wagner and Lisa Landers, secretaries; Marjorie Pittman, dean of pledges; Melline Morris, rush chairman; Janis Clark-Culver, graduate adviser.

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MERRILLVILLE

PUC scientists view the invisible

by Thomas Purcell

Unknown to the majority of students and faculty at Purdue Calumet is a room housing a marvelous tool of research, a machine for a better way of viewing structures unseen by the naked eye.

Tucked neatly away in its black room accessible only through its black maze, lies testimony to the wonders of technology—an electron microscope. Unlike its predecessor, the so-called "light" microscope, the electron microscope uses a stream of electrons emitted by a cathode as its source of "light" and magnetic coils to bend and focus the beam as its "lenses." Because of its smaller viewing area approximately two-hundred-fifty millionths of an inch, an electron microscope can have a magnification of two-hundred thousand times life-size, whereas a conventional light microscope can achieve only a magnification of two-thousand times life-size. The difference in magnification can be compared to the difference of viewing the moon through a telescope and actually standing on the moon.

Like man's first attempts at escaping his terrestrial world for the vastness of outer space, the light microscope has revealed many things of the complexity and diversity of the microscopic world to biologists, physicists, and other members of the scientific community. But man's dreams of exploring other universes falls short of the universes made accessible by the electron microscope.



Timothy Skimiva observes microscopic organisms through the electron microscope. PUC purchased it for \$6500 in 1979. Its original cost was \$85000.



Scott Reusze adjusts the light microscope to focus on a specimen slide.

Be A PIP'er!



**Phones Are
Around the Corner**

If you'd like to sign-up your organization right away, call Fran Gardberg at the University Development Office, extension 323. Thank you for your cooperation.

As a tool of research, the electron microscope enables biologists to study microbes in minute detail, physicists to study the internal structures of crystals, metals and other matter, and other scientists to study and learn about an otherwise invisible world.

Hopefully the future of the PUC electron microscope will not repeat its history. Purchased in 1979 for nominal cost, including the necessary equipment, the electron microscope has seen only limited use as a teaching aid, primarily because of the lack of financial and human resources that could have made full use of its research possibilities.

According to Dr. Jane Shoup, the electron microscope may be included in a special course open to a small number of students possibly next summer. Barring any unforeseen circumstances, the course will focus on acquainting students with the microscope's features, handling, limitations, and uses.



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Two-bedroom house for rent with option to buy. 9 miles from PUC in Ranburn Woods. Rent \$350 per month or buy at 12% interest. Oak floors throughout and all new appliances. Large lot. Call Prof. Karl Steiner 980-3566 from 8 a.m. - 5 p.m.

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Exercise is the key to physical fitness

Exercise! How many times have we heard that? Do you want to feel better, live longer, and have more energy? Yes? Then exercise?

The truth is, exercising does help you do all those things. Exercising to become and stay physically fit takes hard work and dedication much the same as anything else in which the end result is beneficial and worthwhile. Regular exercise benefits your nervous system, your heart, lungs, muscles, bones, ligaments, and your metabolism, not to mention your mental attitude. But if you are not in a state of physical fitness, rushing into any type of exercise program can do you more harm than good.

First, let's define physical fitness. The U.S. President's Council on Physical Fitness and Sports defines fitness as "the ability to carry out daily tasks efficiently with enough energy left over to enjoy leisure time pursuits and to

meet unforeseen emergencies." It is the ability to perform physical tasks with a minimum amount of effort. So, one could draw an analogy between fitness and efficiency. Your body performs better in correlation to how fit you become.

The human body is like a machine. It needs fuel to keep working, a down time in order that its motor not burn out, and regular tuneups to keep it running at near its maximum level of output. The human body needs food for energy, sleep for energy, and regular exercise to keep all the bodily organs working at optimum levels.

Your nervous system provides your body with the ability to coordinate and respond by movement. When you are under a great amount of pressure, it is your nervous system that takes the beating. As your body reacts to daily

stress, a large amount of adrenalin is pumped into your system. If that adrenalin is not used up, it does not just go away. It stays in your system. Even though you've completed the task at hand with a minimal amount of physical exertion, you have not used up the "energy" pumped into your system. Think about it. The next time you are in a situation where you are forced to react, stop for a minute and listen to your heart. It's probably pumping extra fast. If you have a minute after the task is completed, take your pulse.

The average resting heart rate is somewhere between 78-84 beats per minute for women and 72-78 for men. If your heart's pumping faster than that you are still "cooling down" from the energy exerted. Stored up adrenalin will make you feel sluggish and worn out by end of the day. You believe you are tired and try to sleep. When sleep doesn't come, you get anxious (more adrenalin!).

What you actually need to do is burn off that excess adrenalin through exercise. Through exercise, most people found that stress decreases and that their coordination and motor responses improve.

Regular exercise also helps decrease body fats and blood sugars. Circulation improves, muscles grow in strength, endurance and often size. Your lungs grow in capacity, thereby increasing circulation. Your heart, the most important muscle in your body, also improves.

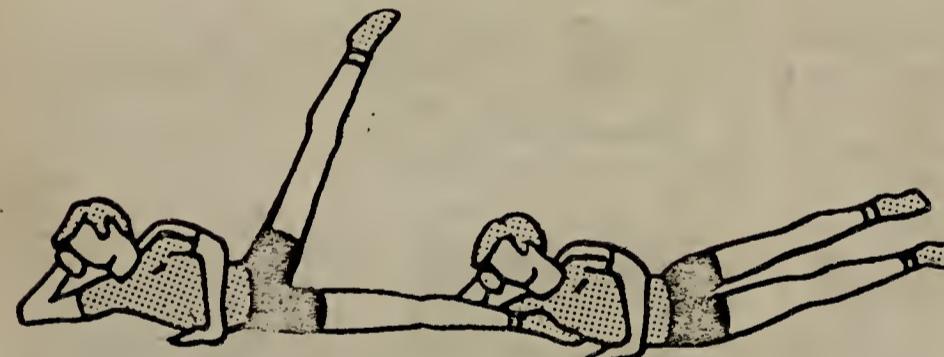
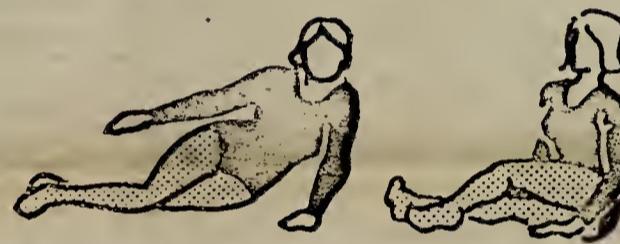
Try to take this business of exercise seriously. It has definite merits. Regular exercise and proper diet are two things you can do by yourself to help your body last longer. If you keep your body "tuned up," it will respond by working at its maximum efficiency level.

The key to body is an regular exercise

A few reducing exercises

Sit on the ground with your legs straight out in front of you, your right ankle crossed over your left ankle, and your hands by your sides.

With your left hand on the ground, roll over on your hips until your right knee touches the ground to your left.

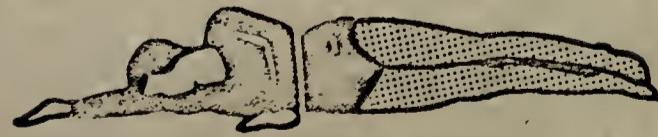


Lie on your right side with your head raised on your right hand and your left hand on the ground for support. Keeping your left leg straight raise it as high as you can. Lower it and repeat 10 times. Then change sides and raise the other leg.

Vary the previous exercise by raising both legs at once.

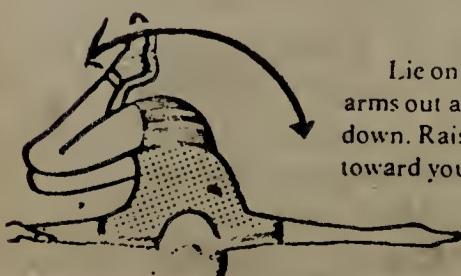
Lie on your front with your chin on the floor, your arms at your sides, your legs straight and your toes under.

Pushing down with your left hip bone and tightening your buttocks, raise your right leg without bending your knee. Lower your leg again. Repeat 8-10 times

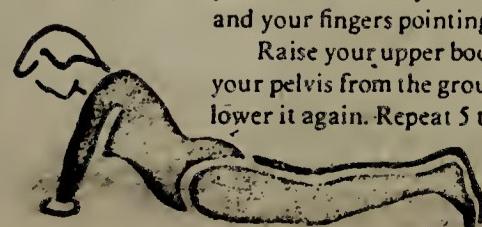


Lie on your right side with your head resting on your outstretched right arm and the palm of your left hand flat on the ground in front of your chest.

Raise your legs slightly off the ground and pedal as though cycling, flexing your ankle muscles. Make 10 or more leg revolutions before repeating the exercise on your other side.



Lie on your back with your arms out at right angles, palms down. Raise both your knees toward your chest.



Lie facedown on the floor, with your hands under your shoulders and your fingers pointing inward.

Raise your upper body but not your pelvis from the ground. Then lower it again. Repeat 5 times.

Aerobics condition entire body

*to a healthy
any type of
exercise*

The nation's number one health problem is heart disease. Almost a million Americans die every year from heart-related diseases. There are millions of others who are permanently marred by heart attacks. The American death rate from heart disease is higher than any other country. The National Heart Institute believes we are faced with a "super-epidemic," against which we should utilize every possible resource available.

One possible resource is regular exercise. Did you know that the majority of the American population can't pass a basic fitness test? Other countries are a long way ahead of the U.S. in building up their respective country's national fitness levels. It has been proven that regular exercise improves all bodily functions.

There are several good exercise programs. One that is particularly fun and easy to follow and monitor is an aerobic program. Aerobics literally means "with air." According to Dr. Kenneth Cooper, a physician who designed the Air Force aerobic program, "Aerobics refers to a variety of exercises that stimulate heart and lung activity for a time period sufficiently long to produce beneficial changes in the body."

Aerobics make the body work hard and demand more oxygen through continuous movement for a period of time. Its goal is to increase the amount of oxygen the body can process. An aerobic program is one that raises the body's working heart rate to a given level over a period of time long enough to produce an effect. To perform aerobics you must be able to breath great amounts of air quickly. Your heart must deliver oxygen to your working muscles by pumping blood through your system at a faster rate.

Aerobics like any other exercise, cannot be jumped into. Additionally, like any other exercise, it only works if it is performed at a minimum of three times per week. It is safe to say that by leaping instead of treading slowly into any type of exercise program, you threaten your own life if you are not already on some given state of physical fitness. It is also safe to state that once a week exercise is worse for your heart, lungs, muscles, etc., than none at all.

Do not fool yourself! When you jump headlong into a vigorous physical activity and it has been one full week since you performed any type activity, you put an extraneous demand on your heart and other muscles. It is just not healthy nor fair for you to make that kind of demand from your body and expect it to react positively. These once-a-week quickies contribute to countless injuries, muscle pulls and joint hyperextensions result from a huge demand on unconditioned joints and muscles. Vascular problems often find their roots in these once-a-week attacks on your body's vital organs. Any type of exercise is something one must plan.

First, you have to decide that you want to become physically fit. Once you decide, you must make the commitment to exercise at least three times per week. You must live up to it. You need to take preliminary precautions. Having a physical exam is just one precaution. The greatest preliminary precaution is to begin slowly.



An aerobics class at PUC can do a world of good.

In aerobics, you begin at an average resting heart rate (RHR). This is usually 78-84 beats per minute in women and 72-78 in men. You gradually build up to your working heart rate (WHR) over a period of time. Your working heart rate should not exceed 140. Building up too quickly is not good either. You want your heart to be pumping consistently for a given period of time. Aerobics stresses continual movement from stretching and warm-up to maintaining your maximum level and then cooling down and efficiently.

There are several types of aerobic activities. Running is one. Cooper outlines several aerobic programs in his book, *The New Aerobics*. If you are under 30 years old and unconditioned, you needn't begin your running program actually running. You should begin walking. Below is Cooper's aerobic chart and some warm-up and stretching exercises for the beginner.

Probably the most exciting and fun program for aerobic fitness is aerobic dance. Health clubs and organizations all over the region are sponsoring aerobic dance classes. They are healthy ways to exercise and have fun. Dance aerobics consists of exercise and continual movement choreographed to beat of music. You begin at your RHR and build up gradually to your maximum WHR. It is necessary to maintain your WHR for approximately 20 minutes. This period allows for conditioning to take place or what Cooper terms the training effect. He stresses sufficient duration and intensity of exercise to have a positive training effect. Training effect, Cooper maintains, improves "strength and pumping efficiency" of the heart, builds up breathing muscles that increase rapidity of air flowing in and out of the lungs, tones up all the muscles, thereby improving circulation, lowering blood pressure and reducing RHR. It also helps to make "the blood a more efficient oxygen carrier."

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It is important to remember that when you improve circulation you are aiding your body in fighting off fatigue and illness and giving yourself more energy. Lowering blood pressure takes the strain off the heart and allows it to work more efficiently. Lowering your RHR means that your heart is pumping blood more efficiently with less work.

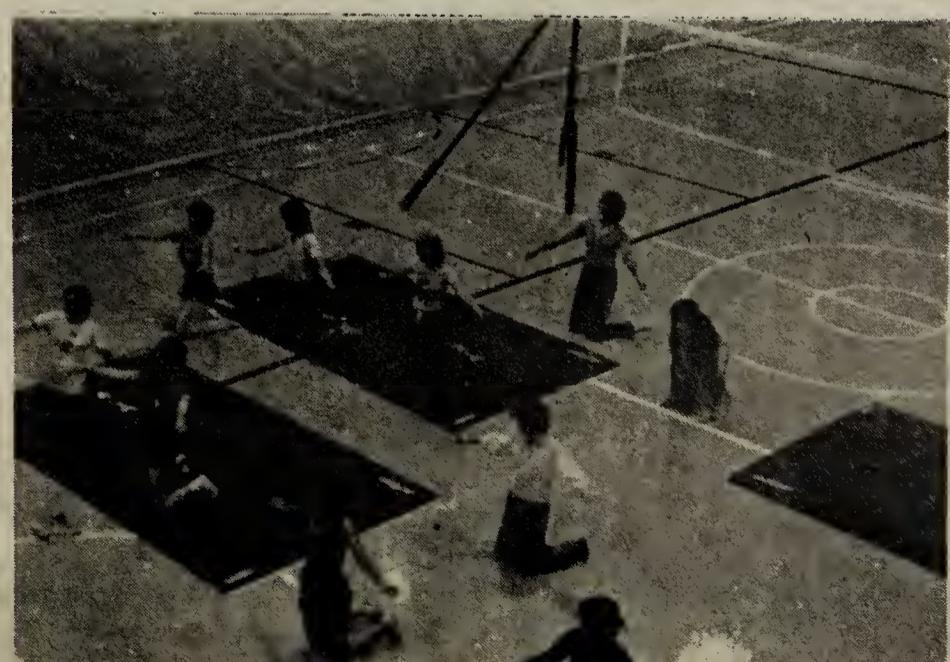
The aerobic dance programs are set up basically the same. They begin with a series of stretching

exercises that gently work the muscles up for the warmup. Warmup prepares muscles by getting blood and oxygen to them slowly before the onset of strenuous activity. Stretching and warmups are vital. They help condition the body for the intense exercise/movement that is to come. Good warmups and stretching help to prevent muscle pulls, strains and joint problems.

The faster dance/exercises last about 30-40 minutes. Here your heart is pumping at its WHR and allowing for the training effect to take place. In between dances you should keep moving and take your pulse. If you exceed 140 beats per minute, slow down. Walk instead of run. You just need to keep moving even if it's slowly.

Gradually the music slows down and you enter into a cool down period that is very similar to the warmup. Your muscles, heart, etc., need to cool down slowly. At your WHR, blood is taken from other organs (brain, stomach, etc.) in order to give those being used the oxygen they need to function. When you abruptly halt exercise at your WHR and sit for example, the required amount of blood is not in your other organs. Fainting, dizziness and light headedness often occur when athletes do not take the proper cool down procedures.

Aerobics takes about an hour every other day to give you the best results. An hour isn't a very long time to sacrifice for better health. Think of it as a routine. Make aerobics a regular habit. You will make yourself healthier for it.



Good health depends upon the discipline of exercise.

A look inside "The God Complex"

by Bernardo Mancha

The Theatre Company of Purdue Calumet proudly presents the original production of Steven Lach's "The God Complex." The production dates will run from the 14th to the 17th of October at 8 p.m. in the Alumni Hall. Debbie Smith, a student at PUC, and Bud Dixon, a speech teacher at PUC, are co-directing the play. This production is intended for mature audiences because of its metaphoric and symbolic form of expressionism.

"The God Complex" deals with the endeavors of a young artist attempting to find a harmonious chord between God and himself. The play is a characteristic look into the mind of an artist as well as into his unbalanced destiny.

This play was written by 21-year-old Steven Lach, a PUC student majoring in communication and creative arts. Lach is a Hammond Gavit High School graduate who started writing this play over a year ago. Besides writing, Steven has done some serious acting. His most recent role was that of John Merrick in "The Elephant Man." When asked about his goals in life, Lach replied, "I want to be a successful writer, and I want to create images. I am not afraid to dive into something that is unacceptable to someone else, such as using the title 'God.' Naturally, there is going to be some turmoil about that sort of thing. But in theatre people have to be open-minded." He credits his writing style to philosophers, such as Rene Descartes of the 17th cen-

tury.

Smith is co-directing "The God Complex." She has been involved in the theatre since the fall of 1976. Smith directed "Moon Children" a year ago and "The Elephant Man" last summer. Smith is also a talented actress and plans to do more acting in the future.

Despite the figurative differences, their antagonisms are hidden to manifest the many delicate and sensitive communication problems which have come about from the disrupted family unit. The conflicts of religion, psychology, and philosophy become a battle ground in the frenzied, depressed mind of this artist leading the artist to create live performers on stage from his hallucinations.

"The God Complex" also aims to turn a subconscious significance of imagery into a reality. The theme unravels around three separate characters, each one exemplifying three governing characteristics. They are 1) mental, physical, and spiritual development 2) the unsureness of masculinity or femininity, and 3) good, evil, and neutral.

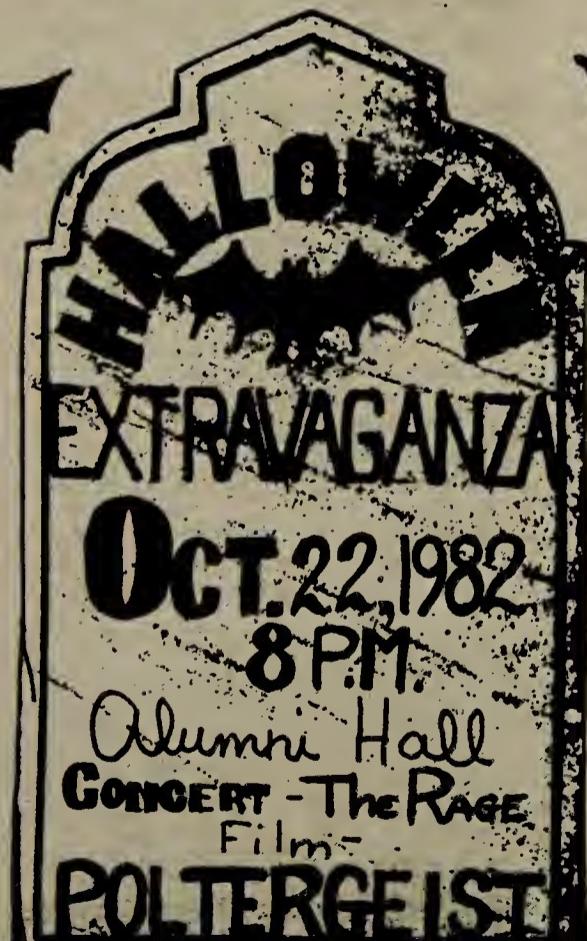
Ticket info

Tickets can be purchased in advance at the Information Center on Campus; or at the door on performance evenings. They are priced at \$3.50 per person, but admission is free for Purdue Calumet students with activity fee credentials.

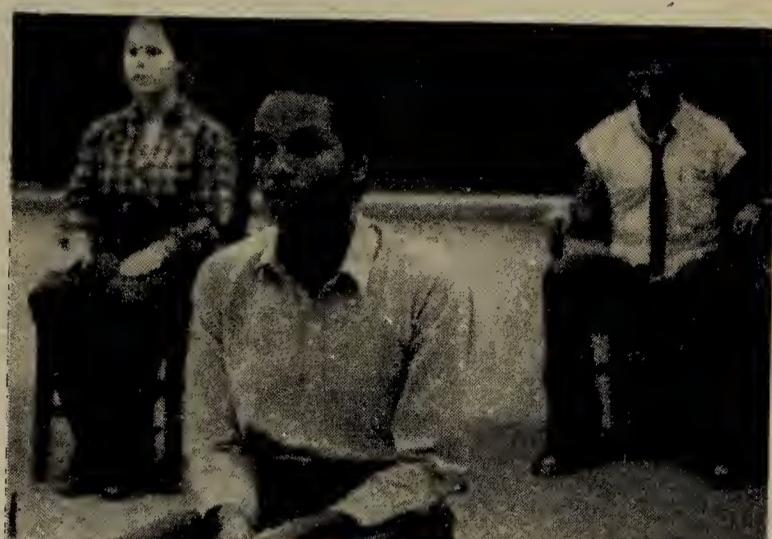


Bud Dixon directs Hyrom Carter as Sharon Grambo and David Richardson look on.
(Photos by Tryee Cobb)

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(L) Sharon Grambo, (C) Hyrom Carter, (R) David Richardson rehearse a scene from the "God Complex."

23 Trivia Teasers

1. Name the head nurse in "Dr. Kildare" films.
2. Name the family "Hazel" cleaned house for.
3. What sports' figure said, "Nice guys finish last," and what team was he managing at the time?
4. The first ball-point pens were called?
5. What auto manufacturer made the "Bearcat?"
6. Who said, "Roll, Thunder, roll?"
7. What company made Dixie cups?
8. Loweezy is the wife of which comic strip character?
9. Who won the heavyweight boxing title in 1919?
10. Name at least three actors who have portrayed Perry Mason (to date, there have been six).
11. Name comic strip character Dick Tracy's boss.
12. Which comedy show featured the June Taylor Dancers?
13. Who was Dudley Do-Right's boss?
14. Who flew the "Galaxy?"
15. Who opened which radio show with the lines... "the Meridian Room in the Hotel Park Plaza to be entertained by the music of Ramon Raquel and his orchestra..."?
16. From the novel *Moby Dick*, name the captain and his ship.
17. Who was Mr. Wizard?
18. Name Tom Mix's horse.
19. Name the two rival gangs in "West Side Story."
20. Which two public figures met on January 14, 1943, in Casablanca?
21. I debuted in 1929 in a comic strip called "Thimble Theatre." Who am I?
22. What is Archie Leach's film name?
23. In what 1931 movie does James Cagney smash a grapefruit into Mae Clarke's face?

Answers to trivia on page 11



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7340 Indianapolis Blvd., Hammond

Athletic Dept. plans activity week

by Cindy Farkas

Oct. 18 to 22 is "Try It, You'll Like It" week at the Physical Education (PE) building. Athletic director John Friend invites all students, faculty and administrators to take part in the week of special activities.

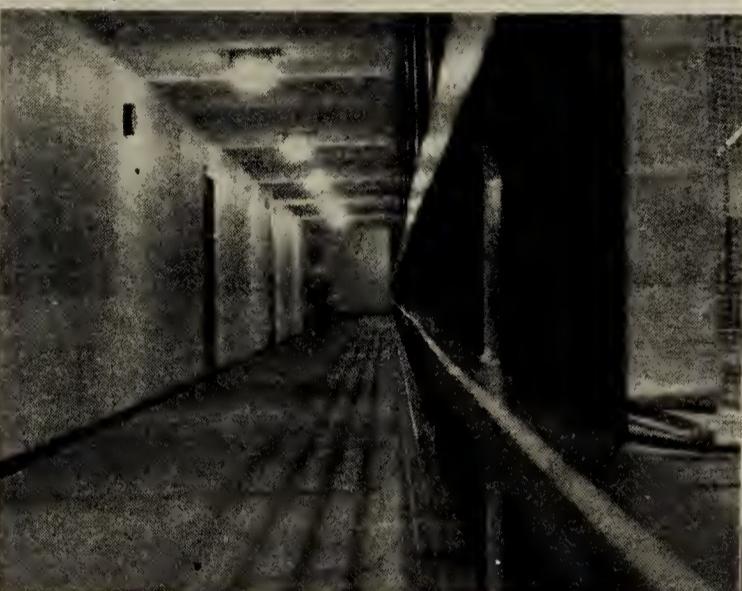
A "Run for Fun" is planned as an all-week event. The Run requires the athlete to run at least two miles each day of the special week. Do your running outside or on the PE building's running track which measures 500 feet (10.5 laps per mile), is complete with a curved bank and a cushioned base. Runners who complete the 10 miles in five days will receive a "Run for Fun" T-shirt. Register in advance at the recreation desk.

A daily demonstration from 2 to 6 p.m. on the correct use of the universal weight machines as well as the free weights will be offered in the weight room. Everyone is welcome. The weight room also offers exercise bikes and mini-gyms. Individualized weight-lifting programs are available on request.

The Auxiliary Gym will be the site of a special training session on warm-up and stretching exercises to help you get into shape. The sessions will run Tuesday and Thursday from 7 to 8 p.m. Special aerobics class will be offered on Monday and Wednesday from 7 to 8 p.m. Other regular features of the Auxiliary Gym include ping pong, exercise mats, gymnastics equipment, and badminton nets.

The racquetball courts will also be available. "Be sure to cut out the money saving coupons in the paper and come take advantage of the racquetball courts," says Friend. The courts are regulation size (20 ft. by 40 ft.) and feature a full glass back wall. They are clean and well lighted. No soiled shoes are allowed on the courts. Coupons will be accepted on a first come/first serve basis.

The main gym will also be open. Friend suggests getting a few friends together for an "in-be-



Come out and run, play some basketball or volleyball in the gym.

tween classes" game of basketball or volleyball. "It is a good, healthy way to spend time between classes. It will help you relax," says Friend, "so you'll be more comfortable for study time."

The Health Service Center will also be open. Make an appointment at ext. 363 to get a physical exam or a test for diabetes, hypertension, vision, or heart. Also available by appointment are monitored stress tests. The out-

come of stress tests allows a person to know the level of his physical fitness. All tests and medical aid and advice are administered by registered nurse Lynn Riddle Misovich.

"Try It, You'll Like It" week will be a lot of fun. Take advantage of this chance to "get acquainted" with the PE facilities and visit the gym or one of the exercise classes. As Friend says, "We have something here for everyone."



The weight room features a variety of Universal equipment.

(Photos by Kurt Kortokrax)

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Trivia Answers

1. Mollie Bird; 2. the Baxters; 3. Leo Durocher, the Brooklyn Dodgers;
4. Stratocars; 5. Stutz; 6. "Red Rydberg"; 7. Hornets; 8. Snuffy Smith;
9. Jack Dempsey; 10. Raymond Burr, Monty Markham, Donald Bragg's;
11. Charles Orlega; John Larkin and Bartlett Robinson; 12. Chief Brandon;
13. The Jackie Gleason Show; 14. Captain Fenwick; 15. Orson Welles; "The War of the Worlds"; 16. Captain Ahabs;
17. Don Herbert; 18. Tony; 19. Jats and Sharps; 20. FDR
and Winston Churchill; 21. Popeye; 22. Cary Grant; 23. "The Public
Enemy".

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Ah, Wilderness!

Bio Club takes a hike

by Mary Kulesa

As the days grow colder and the leaves change color, we move deeper into fall and farther away from our summer memories. But for one group of people, which mainly consists of Purdue Calumet students, the summer holds more for them than fast-fading memories. It envelops a together-shared experience so special that it is more than just a memory.

Together, 29 people spent 18 hours on a bus traveling to Atikokan, Ontario, Canada, which is approximately two hours northeast of International Falls, to spend eight days in the wilderness of Quetico Provincial Park. Quetico is an environment consisting of 1750 square miles of protected forests and waterways.

According to Dr. Terrence Dougherty, a biology instructor at PUC who organized the trip and acted as a counselor, the group consisted of 20 PUC students, three Purdue-West Lafayette students, and six counselors. Those people who went on the Aug. 10-20 trip, which is a biology workshop, received three credit hours in biology at either the undergraduate or graduate levels. The course was started several years ago by Dr. Robert Werth, also of the PUC Biology Department, and will probably be offered again within the next two summers. Requirements for the course include attending four lecture sessions prior to the trip, keeping daily journals, and doing a trip-related project or report. But in the wilderness itself the students learn what no classroom will ever teach.

Upon arriving in Atikokan, the travelers were taken to their outfitters on Voyageur Island, via 36-foot Montreal canoes, where they received instructions in wilderness camping, canoeing, and safety. They were also taught to deeply respect nature and to cause as little disturbance as possible to the areas they passed. The group was then divided into four smaller groups of seven or eight people; and on the next day, taking only the bare necessities, along with a guide, set out in canoes for different areas of the wilderness park.

"I'd been there before and knew what to expect. I couldn't wait!"

First-time voyageurs were apprehensive, while others who had previously experienced the wilderness were excited and eager. Natalie Gilbert stated, "I'd been there before and knew what to expect. I couldn't wait!" Mary McCree replied, "I was excited because I had been on survival outings in the past, and I thought it would be a great way to earn three credits."

A typical day in Quetico consisted of waking up in the morning to the sound of loons calling to one another as they flew over a lake set off by a blazing sunrise. After a hearty breakfast cooked over an open fire, the rest of the day would consist of paddling through unpolluted waters, under clear blue skies until land was reached, where canoes and gear had to be carried on back over treacherous portages.

On the trip, people experienced many things that they would not normally be able to, such as dipping a cup into the crystal-clear lake and drinking the water, bathing in a waterfall, crossing over a beaver dam, or studying a bog. Wildlife viewed included moose, bear, beaver, skunk, and bald eagle.

"It was an adventure in the spirit of togetherness."

The trip also provided the explorers a chance to discover themselves and the people around them. "The first two days my body ached, and I wondered why I had come; but after that I felt such a sense of accomplishment because I did things that I thought I could never do before. One of the things I felt most strongly about was how close our people got in such a short time..." remarked Carole Dougherty, a counselor for the trip.

Bonnie Van Orman, age 43, and the oldest student on the trip, stated, "The greatest thing about the trip was the people and how they helped each other. People put themselves out to help you." Aaron Goldsmith commented, "It was an adventure in the spirit of togetherness."

Upon returning to civilization at Voyageur Island, some of the wilderness travelers were eager to get home to see friends and family, while others were depressed about leaving the peacefulness and serenity of the wilderness behind. Before the bus ride home, everyone was initiated as a true Voyageur. The initiation was followed by a shower and a sauna.

"The trip was everything I expected, and more," summed up Dave Guzek. Tom Riordan concluded, "I would go back because I loved the sky, the lakes, the wilderness... the feeling as if you're alone with God's creation..."

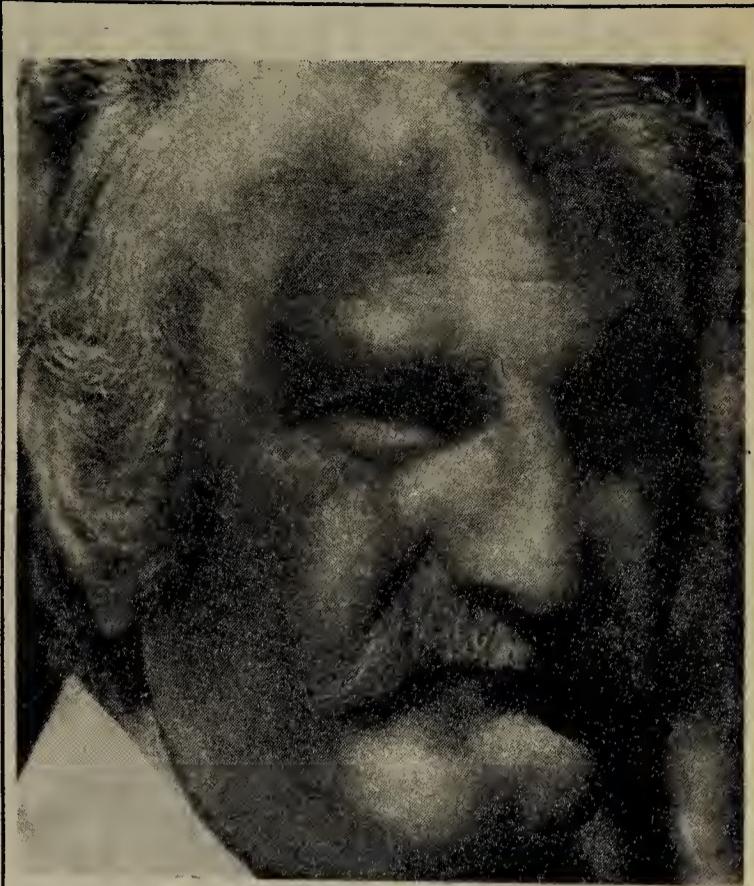
Conference set

An expanded program that includes a pre-conference workshop on test-taking skills relevant to the Graduate Record Examination and Graduate Management Admission test will be featured at the fifth annual Conference on Graduate Education for Minority Students to be held at the University of Illinois at Chicago on Friday, Oct. 8.

The afternoon-long conference is designed to better inform and prepare minority students for graduate study at both the master's and doctoral levels. The sessions provide information on the reasons why minority students should pursue their education beyond the bachelor's degree, on planning undergraduate programs, and on applying for admission and for financial aid.

The conference, the only one of its kind in the Midwest, is sponsored by the Committee on Institutional Cooperation (CIC), the consortium of the Big Ten universities and the University of Chicago. All sessions will be held in the Illinois Room of the Chicago Circle Center at the University of Illinois at Chicago, 750 S. Halsted St., Chicago.

The free conference is open to all undergraduate minority students and to counselors of students. Sessions are scheduled from 1 to 5:30 p.m., with registration beginning at 12 noon.



Harry Mark Petrakis, noted author of novels and short stories, will be the second lecturer in Authors and Others: A Literary Series sponsored by the Northern Indiana Arts Association (NIAA).

Petrakis will speak at 8 p.m., this Sunday, at the Art Center, 8317 Calumet Ave., Suite B, Munster.

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Hammond-
Dateline: Secret recipes, stuffed pizza, and old family tradition makes Faoro's Pizzerias/Restaurant unique!

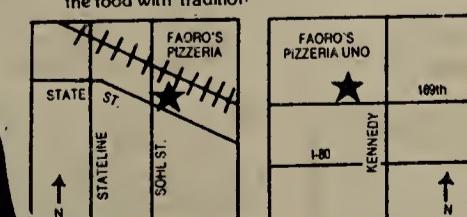
Pete Faoro has been making pizzas since 1972 with recipes handed down to him from his family. Faoro boasts of introducing and perfected his specialty, **The Stuffed Pizza**, to Northern Indiana.

Stuffed Pizza is two to three inches thick, weighing from three to six pounds when complete. In between two layers of dough are several inches of cheese, tomato sauce, and the usual pizza toppings. If the deep dish pizza is referred to as a pizza with walls then the Stuffed Pizza can be called a deep dish pizza with a 'roof'.

Stuffed Pizza isn't the only thing on the menu at Faoro's. The menu includes: regular pizzas, beef sandwiches, submarines, tacos, chili, tamales, spaghetti, 'real ice-cream', plus much, much more. In addition, Faoro's serves beer and wine. Have your food delivered or come in an eat! The food is always a treat at Faoro's.

Faoro's has two locations in Hammond to serve you. **Faoro's Pizza Uno**, formerly Pow-Wow, is located in Hessville near the corner of 169th & Kennedy Ave. (219-989-9900). **Faoro's Pizzeria** is the second location at 5245 Sohl St. in West Hammond (219) 931-2002.

Pete Faoro invites you to try his food at either location. It's the food with 'tradition'.



Legislative internships open

The Democratic Party Caucus of the Indiana House of Representatives are offering legislative intern positions for the 1983 session of the Indiana General Assembly. Any undergraduate or graduate student with writing composition skills and a basic understanding of government and the legislative process is eligible to apply.

Job responsibilities include drafting letters to constituents, summarizing bills, researching legislative topics, writing newsletters, and other similar duties.

A salary of approximately \$100 per week will be determined by the Democratic Party Caucus. Any college credit to be given will be determined by the University.

The internship will begin the first part of January and will end in May.

Interviews will be conducted in October with the final selection of individuals to be completed during the middle of November.

For more information and application forms contact:

Intern Coordinator

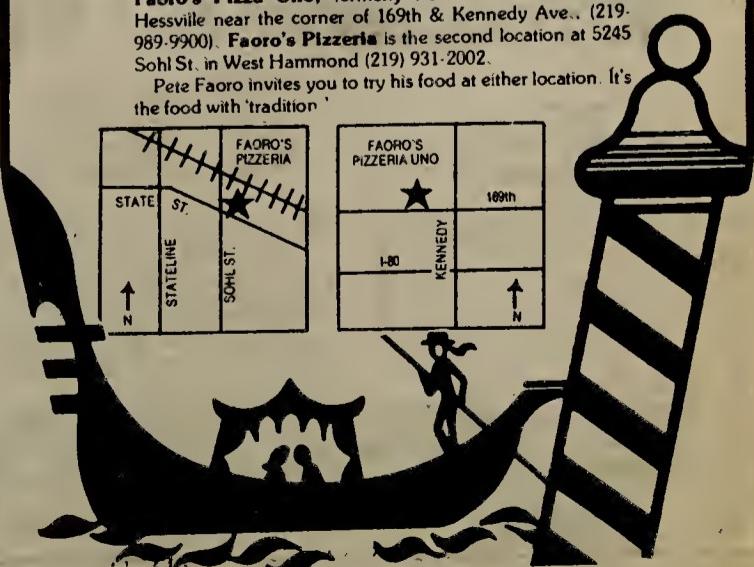
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Purdue Chronicle • October 7, 1982

4 wheel driver's do it better

Have you ever been mud boggin'? What a trip! It's mud bogging!

I recently attended my first (and hopefully NOT my last) mud bog. "Mud Bog '82" was held last Sunday in Lowell and was sponsored by the Mid-Nite Mud Runners (MNMR) of Northwest Indiana. For those of you presently uneducated on the fine points of the sport of mudding, allow me...

Mudding, as it is affectionately termed by its participants, is racing or driving through a track or pit filled with mud in a four-wheel-drive vehicle. "Mud Bog '82" was the first bog sponsored by the MNMR. But people have been mudding all over Union Grove, Wisconsin for quite a while now.

"Union Grove holds four or five mud bogs a year and runs other four-wheel-drive events like drag racing and truck pulls also," commented Rick Eastling, Points Person officer of MNMR and a contestant himself. "We had a pretty good turn-out for this first one. We eventually hope to raise enough money to purchase our own land to hold these things on." All in all 72 vehicles were registered to compete, and about 250 - 300 spectators were on hand to watch the fun.

The vehicles in this mud bog were street-legal four-wheel-drive vehicles with insurance, including an assortment of jeeps, blazers, trucks and scramblers and also one souped-up VW Beetle. They were classified by three tire height divisions. A Powder Puff division was held for the ladies and an Open Class where anyone with any size tire could compete was

included in the events.

Sunday's pit consisted of a portion of the field which had been back-hoed out and refilled with loose soil and water. It measured 300-feet long and 15-feet wide. The pit had several varied elevations, that is, workers dug out holes, each deeper than the next, which were then covered by the murky mud to make the course more difficult to maneuver through.

"The object of muddin'," said Eastling, "is to drive your vehicle

as far through the mud pit as possible, without stopping. The contestants' distance is measured, and his run is also timed. In case of a tie, the person with the best time wins." The race has some rules though. For example, once the engine cuts out because of water or whatever, the driver must stop. A driver cannot rock his vehicle to attempt to get it out of the ruts. It is just one straight shot to get through the mud, usually full speed ahead.



A VW beetle rolls through the muck.

(Photos by Cindy Farkas)

Throughout the afternoon, the sound of engines revving up echoed. Fans cheered drivers on. A wealth of applause sounded for everyone, loud applause for a particularly good run and rowdy cheers for those few who made the full 300 feet. Missing were the bitter rivalries that exist in other sports and also the catcalls that are tossed at contestants other

than one's favorite. A friendly camaraderie existed among spectators and contestants. Basically, we had an afternoon of good, clean (did I say clean?) fun.

Prior to each run, the driver was checked for proper safety equipment - a helmet and safety belt. Each vehicle was hooked up to a tow truck that pulled them out backwards if they failed to push all



The mud really flies as the tires spin.

the way through. Then, man and vehicle teamed up to tackle the soupy pit. "Muddin's like Baja-ing in California," said Eastling. "It's a sport. But it's different from other sports. In muddin' there is no guarantee that if you win one day, you will win the next. Sure, everyone likes to win, but there is no 'I'm the best' attitude among contestants. It's just fun," said Eastling.

Yes, fun. And like most sports, a little dangerous. A driver must be in control of his vehicle as it hits the mud and he always takes the chance of losing control and rolling over in the pit. The vehicles also take a beating. One contestant lost a drive shaft in Sunday's event.

The event was well planned and organized. The Mid-Nite Mud Runners kept the action and the mud flowing right along. The MNMR's have been together for eight years and are the largest four-wheel-drive club in northwest Indiana. But four-wheeling is not all they exist for. They are involved with the Indiana State police and not in the negative sense. They teamed

up with the police through a community action called INSERT.

The MNMR's help the State police rescue people stranded in the snow and then pull the cars off the road so the plows can do their jobs. "We took a nurse to St. Margaret's hospital so she could get a patient onto a dialysis machine last winter," recalled Eastling. They also picked up a stranded-at-home future mother and delivered her to Broadway Methodist Hospital in time to have her child. They make medicine runs for residents who are stranded at home by the weather and need their prescriptions. They help out with the sandbagging operation when the Kankakee river threatens to flood. They are a community-oriented group who take their muddin' as seriously as they take advantage of their ability to help others.

Anyone interested in joining the Mid-Nite Mud Runners should contact Rick Eastling at 696-4709 or club president Todd Gross at 696-4833 for information on membership or about other four-wheel-drive competitions.

Applications available

Applications for 1983-84 Fullbright Graduate Study Abroad Program grants are now available for current seniors and graduate students.

These grants can be used in 50 countries and, in most cases, include round-trip transportation, tuition, and maintenance for one academic year.

Applicants must be United States citizens, be single, and

have a bachelor's degree or its equivalent before the beginning date of the grant.

Each country dictates what fields of research it wants, and the applicant must have a project in mind when applying. Most countries also require language proficiency.

Interested students should contact Dr. Sam Paravonian in O-312 or call at ext. 257 for application forms and additional information.

Hayride planned

by Bernardo Mancha

Los Latinos organization of Purdue Calumet is sponsoring a hayride on Oct. 15 at Glenwood Stables in Chicago Heights, Ill.

The hayride is the organization's first activity for the 82-83 school year. The horse-drawn hayride will last approximately one hour and will be followed by a cozy bonfire. The fee, which can be paid at the door, includes the hayride, bonfire, hot dogs, and beverages (BYOB).

Everyone is invited to attend this activity and may sign up in room C-344B no later than Oct. 14. The party going to the hayride will meet in the parking lot south of the library building. Departure time is scheduled for 7 p.m.

Los Latinos is an organization which is open to all the students of PUC. The club's main objectives are to help incoming students with their adjustment to college life and to enrich all students of PUC with the Hispanic culture. The organization's long term goals are to expand within the university and to become a more organized club. Los Latinos meets every other week in room C-317, Oct. 11 is the next meeting.

The officers for the 1982-83 year are president - Edwin Giboyeaux, 1st vice-president - Arturo Caraballo, 2nd vice-president - Ray Montalvo, secretaries - Irma Nelly Ortiz and Maggie Vallanueva, treasurer - Maria Elena Flores, and sargent-at-arms - Bernardo Mancha.

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Lakers keep on winning

by Bernardo Mancha

The Purdue Calumet soccer team, which is ranked 7th in the midwest, extended their winning streak to 6-0. First PUC trounced visiting Judson College by a tally of 5-1. And next, perhaps playing their finest game of the 1982 season, the Lakers defeated highly touted Indiana Tech by a total of 5-2.

In the first half, the Lakers had to contend with the cold weather and a very physical Tech team. But the Lakers didn't take long to get warmed up and on the scoreboard. The Lakers scored three unanswered goals within the first 10 minutes of the contest. Mladenko Tolimir had two goals, and Dragan Zorich added one more to give PUC a 3-0 lead with 35 minutes still remaining in the first half.

During a very physical first half, a total of 27 fouls were called by the referees against PUC and In-

diana Tech. Also, two players (one from each team) were ejected from the game for fighting. Bruised and scraped, the Lakers held a 3-0 lead at the end of the first half.

The second half, which had plenty of action on and off the field, was terminated 15 minutes early. But not before the "Serbian Connection" of Tolimir, Zorich, and Branko Maric struck twice to increase PUC's advantage to 5-2. Tech scored two goals in the second half. The game was stopped at the 75 minute mark because of a bench-clearing brawl. According to the referees, the player's tempers were flaring, and they were losing control of the game.

By beating Indiana Tech, the Lakers have established themselves as a team with which to be reckoned. Indiana Tech came into the game ranked 20th in the nation, and second in the midwest. Tech had only lost two games in

the past two years. They compiled an 18-0 record last year and went on to play in the NAIA National Tournament. Tech's coach Carlos Aguilar was very depressed, but wished the Lakers well and said, "This is a big win for you guys."

Many PUC players complained about being spiked or chopped by the Tech players. "They were very physical, and we got the marks to prove it," said coach Frank Carroll, "but we didn't let them intimidate us."

Carroll commented on the victory. "It was a tremendous victory for the soccer team and Purdue Calumet. We beat a nationally ranked team!" beamed a very proud coach Carroll.

Besides Tolimir, Zorich and Maric, other outstanding players for PUC were Art Pejoski, Jesse Ortegon, Nick Beader, Ed Carroll, Misko Trifunovic, and Carlos Berrones.



Lake goalie, Carlos Berrones, stops another Indiana Tech shot in the first half of the Lakers' victory.

(Photo by Wayne Orr)

PUC wins one, loses one

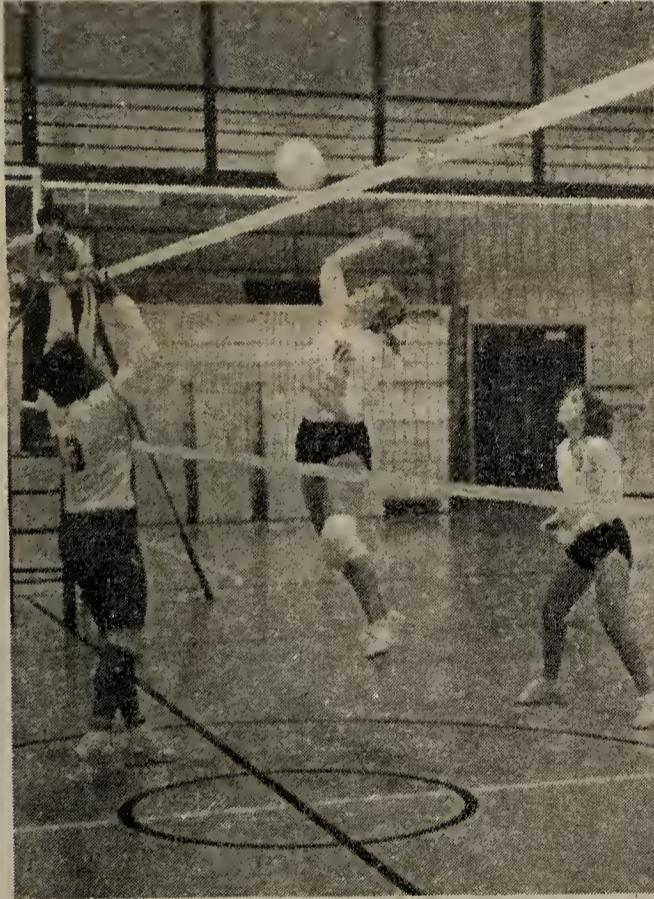
by Rick Riddering

Winning doesn't come easy nowadays for the PUC Lakers volleyball team. With a 2-7 record, some teams would give up. But the Lakers work hard to win, as in their game against Taylor University.

Despite losing the first game of a best-of-three series, the Lakers battled back to humiliate Taylor. Perfect sets from Gail Orel, matched with the powerful spikes of Karen Mize, were the key to points in the next two games.

Coming off an impressive 15-7 victory in the second game, the Lakers had to bear down and pull together for the rubber game. Orel, the team's captain, kept spirits up. Her inspiration along with the strategy discussed in coach Mike Olen's timeouts, sparked a victory for the Lakers. Fancy net play by Judy Hollingsworth also was a deciding factor. PUC won 16-14.

The Lakers were not as lucky in their next match against St. Xavier College. An excellent battle down to the wire, PUC was defeated in two straight games: 15-12 and 16-14. Superior serving by Betty Thiel kept the Lakers close. Thiel chalked up the most points for the team.



Betty Thiel goes up for a spike as Gail Orel watches patiently.
(Photo by Wayne Orr)

"Tip-Off clinic" slated

Purdue Calumet will host the Second Annual "Tip-Off Basketball Clinic" on Saturday, Oct. 9, for area coaches and athletes.

Leading high school and college coaches will direct the clinic from 9 a.m. to 3 p.m. in the Physical Education/Recreation Building.

"Eighty coaches attended the clinic last year. However, we expect somewhere around 150 coaches this year," stated John Friend, PUC's athletic director.

The clinic will feature Eldon Miller, head basketball coach at Ohio State University. Miller, an Ohio native and a graduate of Wittenberg University, has been coaching basketball since the age of 23. He was the head basketball coach at Wittenberg for eight

years and at Western Michigan for six years before going to Ohio State in 1977. After a 9-18 record his first year, Miller directed the Buckeyes to five straight winning seasons, including a 21-8 mark in 1980, when OSU made its first NCAA tournament appearance under his leadership.

The pre-registration fee for the clinic is \$6, and \$8 at the door. However, student-athletes of any age will be admitted for \$1. All students are welcome. The clinic is co-sponsored by PUC and the Converse Shoe Company. For more information, contact the Athletic Office at ext. 540.

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Purdue Chronicle • October 7, 1982

PUC teams promising

by Marc H. Exum

Purdue Calumet's sports program in recent years has demonstrated its potential to become a leading contender among the other sports programs in this area. PUC's program consists mainly of two basic ingredients: basketball and soccer. For some individuals, these two popular sports are enough for PUC. For others, Purdue Calumet's program lacks one more ingredient - football. The question brewing around campus these days is "where is football?"

Talking with John Friend, PUC Athletic Director, Scott Graves, sports reporter for The Times, and Al Hamnik, sports reporter for the Gary Post Tribune, one can get the impression that a football team at PUC would be a "good idea" and "shows tremendous potential."

In order to think about having a team, certain steps and procedures must be followed. The current sports budget must be increased by at least 50 percent.

An interview with John Friend contained the following information.

Chronicle - How does the idea of PUC having a football team strike you?

Friend - It's a good idea and has potential here, despite financial hurdles.

PC - In past years, have you ever pushed the idea of a team to the administration?

JF - No.

PC - What would be the proper course to take in order for a team to exist?

JF - 1. Recruiting for one year. 2. Purchasing the finest equipment. 3. Hiring a well-trained staff.

PC - Do you think that the idea of a football team will catch - meaning will the school and the community support a team?

JF - Yes, because a PUC team would be created from a fine mixture of local high school talent.



A key block and he's off.

(Photo by Robert Ortiz)



PC - If PUC got a team, who would we play? Where? And When?

JF -

Who - Wabash, DePauw, and Taylor Universities. We could choose from at least 10 or 15 local colleges.

Where - Either Hammond Gavit or Hammond Morton.

When - Not on Friday night because that's high school football night. Not on Saturday because people can watch the Big-10 on television. So, the logical choice would be Saturday night.

PC - Who would coach?

JF - There are no shortage of coaches in this area. We have at least 10 to 12. Personally, I would love to do it.

An interview with Scott Graves revealed the following thoughts.

PC - Has the idea of a PUC football team crossed your mind?

SG - Yes, when John Friend took over the Athletic Director's job at PUC. It would take some time to catch on because this area is high school sports oriented.

PC - Any additional comments?

SG - If a football program got started at PUC, I would like to see John Friend as head coach or the person who lays the groundwork.

Al Hamnik had these comments.

PC - What do you think of PUC having a football team?

AH - Good idea! But, it's not financially possible right now. There's too much competition from other colleges and communities. Football is expensive.

PC - Would a football team be widely accepted?

AH - Sure, attendance would be high if area players starred in the lineup.

By having a logical and realistic attitude one can see that the main reason why Purdue Calumet doesn't have football is the lack of available funds. Mr. Friend explained, "I love football, but I would rather see funds spent on new computers or new parking facilities."

"If you're gonna do it," he added, "do it right! Purdue Calumet must wait for the proper time for a football team."

In the long run that wait may pay off in the form of an undefeated team.

Winning soccer team lacks discipline?

by Rick Riddering

When you think of a team - any team - you might consider such characteristics as teamwork, dedication, and discipline. Take soccer for instance. Soccer, the grueling game that it is, takes a special person. A person who is disciplined, one who values his health, one who respects his opponents. While watching the PUC Lakers demolish Indiana Tech, I couldn't help but notice the lack of discipline of the Lakers.

When I say "lack of discipline," I'm not criticizing the team, but merely wondering "how do they do it?" I was amazed at the antics the team displayed. These guys were funny!

First off, let me mention the "Serbian Connection." Speaking a language of their own, they rattle off all during the game in half-Serbian, half-English. When they don't want anyone to understand, they use all-Serbian.

Second, field antics are another amusing thing to watch. Players are constantly yelling obscenities



Dragon Zorich

to the refs (sign language sometimes pops up, too). Also, one Laker didn't like the other team's smart remarks so he "mooned" them. Yep, this team is really disciplined.

However they do it is new to me. All I know is that this team is good and they win. Dragan Zorich, the Lakers' leading scorer, sums it up best: "We're the best, you know that; we've the best!"

Who cares how disciplined the Lakers are? The important thing is they keep winning. Keep it up guys! Just don't get carried away!

Last, but certainly not least, a sideline circus goes on during the game. Some players smoke during the game. Others argue with the coach. One instance comes to mind. The coach told one player to come off the field. Answering to the coach's command, the player said that he was staying in. Finally, after going back and forth for a few seconds, the player unwillingly came off the field.



Misco Fritunovich bullets a goal past Bethel's defenders.

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call 844-5446

Continuous 6-week classes
Rates adjusted for late entry
\$25 adults
\$20 students
\$3 one night



Photo-Opinion

Question: What do you think about the football strike?



Prof. Ken Tesar
Math Dept.

I don't mind if they bring back the "Twilight Zone" as they did during the baseball strike. That's the only useful purpose for the strike. I hope they bring back some of the old movies too.



Dianne Sanchez
Freshman

An aspect of the strike that bothers me is that the bench warmers who are making \$40,000 per year for doing nothing wanted to strike even though they were offered a contract giving them \$60,000 per year. That's not right. They are overpaid. We should fire the football team and make a new one out of the players who were cut.



Sophia Liu
Temporary Student from
Taiwan

I don't like strikes at all. A football strike isn't that harmful, but production strikes are bad. Strikes aren't good for the country. They slow down production.



Vicki Slat
Junior
Clinical Psychology major

Because of the football strike I get to see my father more. On Sunday afternoons, I can talk to him and he doesn't ask me to wait until commercial.



Tim Gill
Junior
Computer Programming
major

I think the owners make a lot of money off of the football season. They charge us a lot of money no matter how much the players get paid. I'm here on Monday nights anyway.

(Photos by Thomas Purcell)

A-10 Thunderbolt II Interview for navigator, pilot, engineer and engineering scholarships



Air Force Officer Positions



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